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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number	6,879,578
Issue Date	April 12, 2005
First Named Inventor	Pan et al.
Application Number	10/077,509
Filing Date	February 15, 2002
Attorney Docket Number	I-2-0178.3US

ENCLOSURES *(Check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [ ] Amendment/Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53

- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD

- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- [ ] Proprietary Information
- [ ] Status Letter
- [x] Other Enclosure(s) (please Identify below):

Request for Certificate of Correction; and
Form PTO/SB/44

Remarks

Certificate
JUL 0 6 2005
of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.
Signature	*(signature)*
Printed name	Dimitri P. Dovas
Date	June 28, 2005

Reg. No.	51,627

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	*(signature)*		
Typed or printed name	Dimitri P. Dovas	Date	June 28, 2005

JUL 0 7 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Pan et al.

Patent No.:	6,879,578
Issued:	April 12, 2005
Appln. No.:	10/077,509
Filed:	February 15, 2002

For: SINGLE USER DETECTION USER EQUIPMENT

Our File: I-2-0178.3US

Date: June 28, 2005

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §254 and 37 C.F.R. §1.322 is requested for U.S. Patent No. 6,879,578. The following errors were made during printing by the United States Patent and Trademark Office.

IN THE SPECIFICATION

At column 3, line 17, after the word "each", delete "$h^{(k)}$" and insert therefor -- $\underline{h}^{(k)}$--.

At column 3, line 32, after the words "chip vector", delete "$\underline{r} \cdot \underline{d}d^{(k)}$" and insert therefor --$\underline{r} \cdot \underline{d}^{(k)}$--.

At column 3, line 48, before the word "is", delete "n" and insert therefor --$\underline{n}$--.

JUL 0 7 2005

At column 4, line 3, after the word "response", delete "$\underline{h}h_m{}^{(k)}$" and insert therefor --$\underline{h}_m{}^{(k)}$--.

At column 4, line 6, after the word "vector", delete "$\underline{r}r_m{}^{(k)}$" and insert therefor --$\underline{r}_m{}^{(k)}$--.

At column 4, line 13, after the word "vector", delete "$\underline{r}r_m$" and insert therefor --$\underline{r}_m$--.

At column 4, line 25, before the words "is the", delete "$\underline{r}r'$" and insert therefor --$\underline{r}'$--.

At column 6, equation 17, delete "$s=C\underline{d}d$" and insert therefor --$\underline{s}=C\underline{d}$--.

At column 6, line 6, after the word "determine", delete "$\underline{s}is$" and insert therefor--$\underline{s}$ is--.

At column 6, line 18, after the word "for", delete "s" and insert therefor --$\underline{s}$--.

At column 6, line 26, after the word "for", delete "$\underline{s}use$" and insert therefor --$\underline{s}$ use--.

At column 7, line 7, after the word "multiplication", delete "R $\underline{s}can$" and insert therefor --R$\underline{s}$ can--.

At column 7, line 14, before the word "is", delete "g_1" and insert therefor --$\underline{g}_i$--.

At column 7, line 50, after the word "matrix,", delete "R_{cir}'" and insert therefor --R'_{cir}--.

At column 7, line 53, after the word "is that", delete "g_w" and insert therefor --$\underline{g}_w$--.

At column 7, line 55, after the word "vector", delete "$\underline{s}is$" and insert therefor --$\underline{s}$ is--.

At column 7, line 58, after the word "permuting", delete "s" and insert therefor --s̲--.

At column 8, line 60, after the word "uplink,", delete "s̲is" and insert therefor --s̲ is--.

At column 8, line 62, after the word "data", delete "d̲as" and insert therefor --d̲ as--.

At column 8, line 63, after the word "downlink,", delete "s̲is" and insert therefor --s̲ is--.

At column 9, line 16, delete "r̲r$_m$" and insert therefor --r̲$_m$ --.

At column 9, line 16, delete "Dp̲h̲h$_m$" and insert therefor --Dph̲$_m$ --.

At column 12, line 24, after the word "high", delete "date" and insert therefor --data rate--.
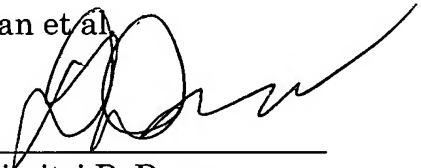
REMARKS

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Pan et al.

By_____

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United Plaza, Suite 1600
30 South 17th Street
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DPD/HV/ml

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JUL 0 7 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page __1__ of __3__

PATENT NO. : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE : April 12, 2005

INVENTOR(S) : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 3, line 17, after the word "each", delete "$h^{(k)}$" and insert therefor -- $\underline{h}^{(k)}$ --.

At column 3, line 32, after the words "chip vector", delete "$\underline{r} \cdot dd^{(k)}$" and insert therefor -- $\underline{r} \cdot \underline{d}^{(k)}$ --.

At column 3, line 48, before the word "is", delete "n" and insert therefor -- $\underline{n}$ --.

At column 4, line 3, after the word "response", delete "$\underline{h}h_m^{(k)}$" and insert therefor -- $\underline{h}_m^{(k)}$ --.

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At column 6, line 6, after the word "determine", delete "$\underline{s}is$" and insert therefor -- $\underline{s}$ is --.

At column 6, line 18, after the word "for", delete "s" and insert therefor -- $\underline{s}$ --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 0 7 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page __2__ of __3__

PATENT NO.   : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE   : April 12, 2005

INVENTOR(S)   : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 26, after the word "for", delete "$\underline{s}$use" and insert therefor
--$\underline{s}$ use--.

At column 7, line 7, after the word "multiplication", delete "R $\underline{s}$can" and insert therefor
--R$\underline{s}$ can--.

At column 7, line 14, before the word "is", delete "g_1" and insert therefor
-- $\underline{g}_i$ --.

At column 7, line 50, after the word "matrix,", delete "R_{cir} " and insert therefor --R'_{cir}--.

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-- $\underline{g}_w$ --.

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At column 7, line 58, after the word "permuting", delete "s" and insert therefor --$\underline{s}$--.

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--$\underline{s}$ is--.

'JUL 0 7 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page __3__ of __3__

PATENT NO. : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE : April 12, 2005

INVENTOR(S) : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 8, line 62, after the word "data", delete "$\underline{d}$as" and insert therefor --$\underline{d}$ as--.

At column 8, line 63, after the word "downlink,", delete "$\underline{s}$is" and insert therefor --$\underline{s}$ is--.

At column 9, line 16, delete "$\underline{rr}_m$" and insert therefor --$\underline{r}_m$ --.

At column 9, line 16, delete "D$p\underline{hh}m$" and insert therefor --$D_p\underline{h}_m$ --.

At column 12, line 24, after the word "high", delete "date" and insert therefor --data rate--.

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